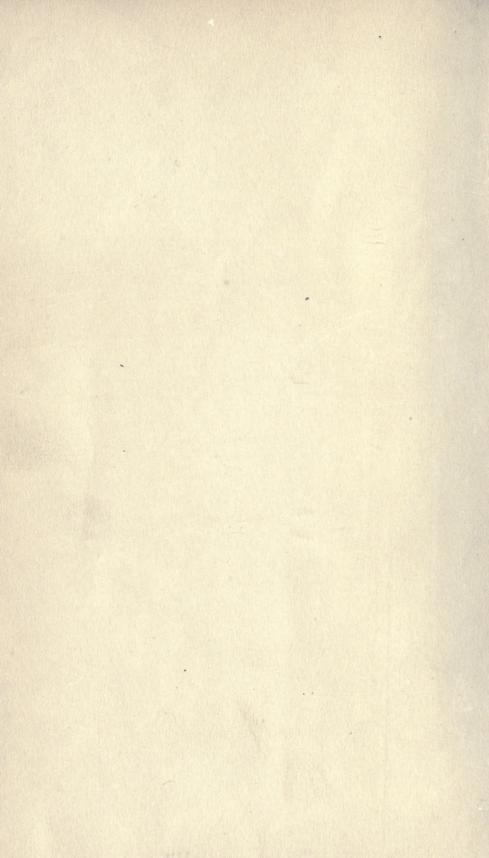


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AN INDEX

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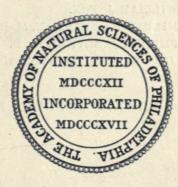
Journal and Proceedings

OF

The Academy of Natural Sciences

of Philadelphia





1912

Published in Commemoration of the Centenary of the Academy, March 21, 1912.

PHILADELPHIA

THE ACADEMY OF NATURAL SCIENCES
1913

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"Who wants a lock without a key, a ship without a rudder, a binnacle without a compass, a check without a signature, a book without an index."

Adapted from OLIVER WENDELL HOLMES.

THE publications of the Academy are the means by which it holds communication with scientific men throughout the world, and their maintenance is one of the most important functions of the society.

The first series of the Journal, in octavo, was begun in 1817, five years after the foundation of the Academy, the first number being placed on the table at the meeting of May 20th of that year. The series was continued at irregular intervals for a period of twenty-five years, the eighth and concluding volume being published in 1842.

To secure prompter issue of communications made at the weekly meetings the publication of Proceedings was begun in March, 1841. The sixty-second volume, with which this Index terminates, was completed in 1911.

The second series of the Journal, in quarto, is designed for the publication of papers requiring more elaborate illustration than can be supplied in the octavo form. The first volume was issued in December, 1847, and the thirteenth, included in the Index, was distributed in September, 1908.

It has been considered fitting, as one of the incidents commemorative of the centenary of the Academy, that access to the scientific contents of these eighty-three volumes be facilitated by the issue of an Index to the entire series.

Other serials, published under the auspices of Sections of the Academy, but not indexed, are as follows:

THE AMERICAN JOURNAL OF CONCHOLOGY, Volumes III-VII, 1867-1872. Volumes I and II were published by the editor, George W. Tryon, Jr.

Manual of Conchology. First Series, X, Parts 2, 3 and 4-XVII. Second Series, IV, Parts 2, 3 and 4-XXI. The earlier volumes were published by Mr. Tryon. The work, bequeathed by him to the Conchological Section of the Academy, has since been continued by Henry A. Pilsbry, Sc. D.

TRANSACTIONS OF THE AMERICAN ENTOMOLOGICAL SOCIETY (Entomological Section of the Academy), Volumes VI, 1877, to XXXVII, 1912. The Society united with the Academy as a Section in 1875.

ENTOMOLOGICAL NEWS AND PROCEEDINGS OF THE ENTOMOLOGICAL SECTION OF THE ACADEMY. I, 1890-XXIII, 1912.

Because of the frequent change of generic names it has been considered essential to the usefulness of the Index to provide alphabetical references to the specific designations. In the compilation questions of synonymy have not been considered. Except where errors are manifestly typographical, no attempt has been made to correct the orthography of authors.

Edward J. Nolan, Recording Secretary.

The Academy of Natural Sciences of Philadelphia, March 27, 1913.

DATES OF PUBLICATION.

An effort has been made to ascertain the time of issue of the several parts of the JOURNAL and PROCEEDINGS not otherwise dated, and with this end in view the minutes, correspondence, and accessions lists of the Academy have been diligently searched. It is to be regretted that the result is not complete, but it is here given in the hope that it may establish dates of publication, at least approximately, and help to determine questions of priority arising in connection with the scientific contributions to the three series now indexed.

It may be assumed that the undated portions appeared between the dates immediately preceding and following the omissions.

When a date is established by a letter of acknowledgment it is necessarily later than the actual distribution of the part. While therefore, the dates of publication were frequently earlier than those here given, they were certainly never later.

The entries referring to the publication of the first series of the Journal, Volumes II-VI, were compiled by John S. Phillips and published in the first volume of the Proceedings. Many of the contributions to the second series of the Journal, when supplied to the authors in advance, were dated in the table of contents, this being uniformly the case since the publication of Volume VI. The issue to authors of separate copies of papers from the Proceedings also antedate the publication of the numbers of which they form a part, the record being printed on the covers of the separata but not otherwise preserved.

Acknowledgment is due the Assistant Librarian, William J. Fox, for the compilation and arrangement of the following list.

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- 10. 11.
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- 5. Receipt acknowledged by the Boston Society of Natural History, December 31, 1852.
- 6. Receipt acknowledged by the Smithsonian Institution, February 7, 1853.

- 7. Ditto, April 3, 1853. 8. "June 21, 1853. 9, 10 in one. Ditto, September 5, 1853. 1, 12 in one. "December 31, 1853.
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- 5. Receipt acknowledged by the Boston Society of Natural History, April 12, 1855.
- 6. Receipt acknowledged by the American Philosophical Society. April 13, 1855.
- 7. Receipt acknowledged by the Boston Society of Natural History, May 22, 1855.
- 8. Receipt acknowledged by the American Philosophical Society, June 15, 1855.
- 9. Receipt acknowledged by the Smithsonian Institution, July 20, 1855.

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- 12. Receipt acknowledged by the Smithsonian Institution, January 2, 1856.
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- 3. Receipt acknowledged by the Smithsonian Institution, June 18, 1856.
- 4. Receipt acknowledged by the Boston Society of Natural History, April 25, 1857.

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6, 7 in one (pages 73-100). Receipt acknowledged by the Boston Society of Natural History, January 7, 1858.

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7-9 in one (pages 89-128, Biol. Sect. 1-8).

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11, 12 in one (pages 133-160). Receipt acknowledged by the Smithsonian Institution, January 6, 1860.

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21-23 in one (pages 287-326). Receipt acknowledged by the

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36-42 in one (pages 517 et seq. Biol. Sect. 9-20). Receipt acknowledged by the Boston Society of Naturali History, March 31, 1861.

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5, 6 in one (pages 65-96). Ditto, June 30, 1861.

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26-36 in one (pages 385 et seq.). Ditto, March 31, 1862.

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Vol.XIV(1862),No.1,2 in one (pages 1-96). Receipt acknowledged by the Smithsonian Institution, April 25, 1862.

3, 4 in one (pages 97-168). Ditto, May 27, 1862.

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ing, October 28, 1862. (pages 405-480). Receipt acknowledged by Smithsonian Institution, January 12, 1863.

10-12 in one (pages 481 et seq.). Ditto, February 26, 1863.

Vol. XV (1863), No. 1 (pages 1-40). Receipt acknowledged by the Smithsonian Institution, April 3, 1863.

2 (pages 41-96). Received by Entomological Society of Philadelphia prior to June 8, 1863.

3 (pages 97-152). Receipt acknowledged by the Smithsonian Institution, July 13, 1863.

4 (pages 153-200). Ditto, October 27, 1863. 5 (pages 201-272). "November 28, 1863. 6 (pages 273-328). "January 27, 1864.

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Vol. XVI (1864), No. 1 (pages 1-48). Receipt acknowledged by the Smithsonian Institution, April 23, 1864.

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Vol. XVII (1865), No. 1 (pages 1-48).

2 (pages 49-108). Receipt acknowledged by Albany In-

2 (pages 49-108). Receipt stitute, August 7, 1865. 3 (pages 109-172). Ditto, October 16, 1865. 4 (pages 173-236). "December 26, 1865.

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2 (pages 97-224). 3 (pages 225-279).

4 (pages 280-336). Receipt acknowledged by the Smithsonian Institution, February 13, 1867.

5 (pages 337 et seq.). Ditto, July 20, 1867.

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2 (pages 33-82). Receipt acknowledged by the Smithsonian Institution, July 20, 1867.

3 (pages 83-112). Ditto, November 1, 1867. 4 (pages 113 et seq.). Received by the Entomological Society of Philadelphia prior to May 11, 1868.

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2 (Pages 89-152). Ditto, November 9, 1868. 3 (pages 153-200). "December 2, 1868. 4 (pages 201-296). Receipt acknowledged by the Smithsonian Institution, February 6, 1869.

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^{*} Error in numbering.

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2 (pages 81-168, Biol. Sect. 1-8). Receipt acknowledged by the Smithsonian Institution, July 30, 1869.

3 (pages 169-190, Biol. Sect. 9-18). Presented to Academy meeting, February 8, 1870.

4 (pages 191 et seq.). Ditto, April 12, 1870.

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2 (pages 65-92, Biol. Sect. 1-4). Presented to Academy

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3 (pages 93 et seq.). Ditto, March 14, 1871.

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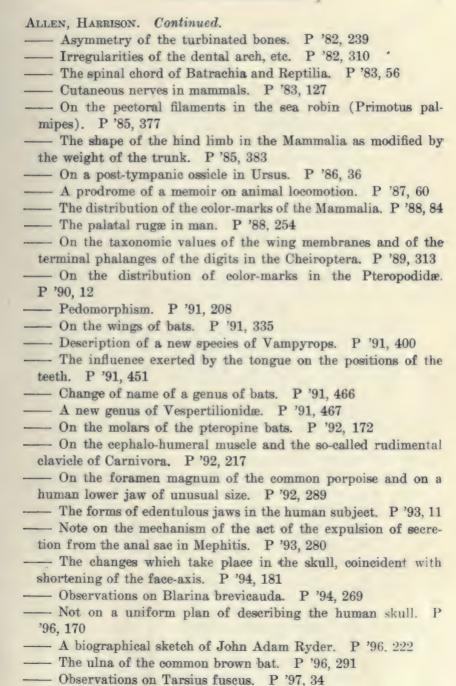
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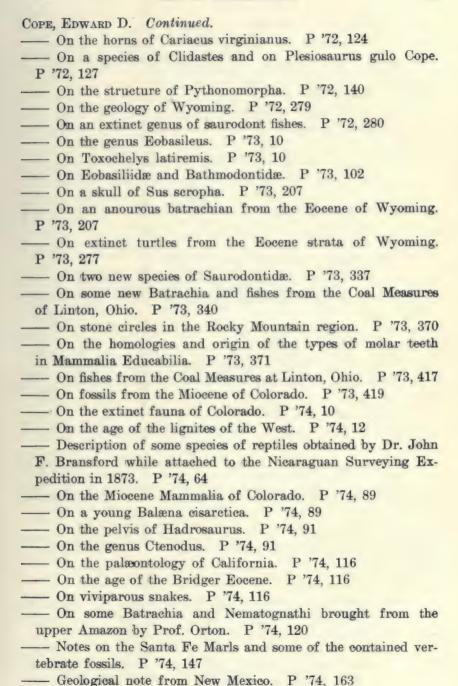
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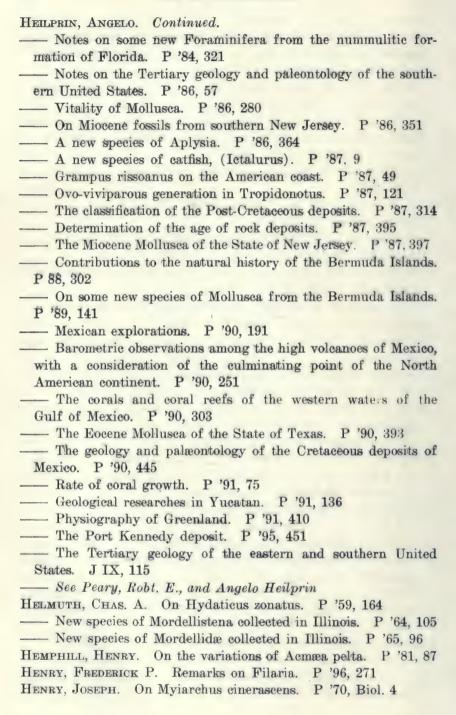
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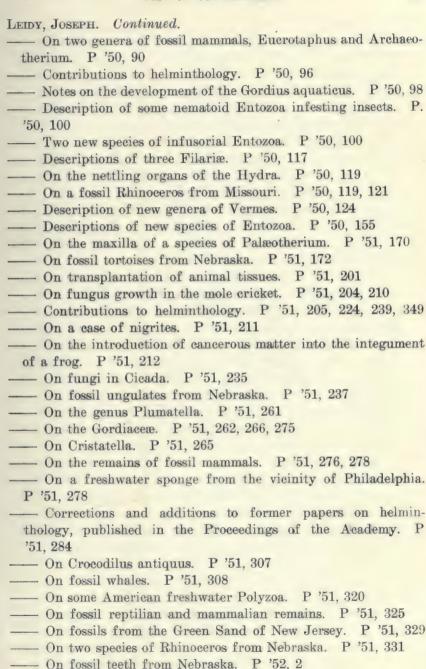
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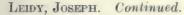
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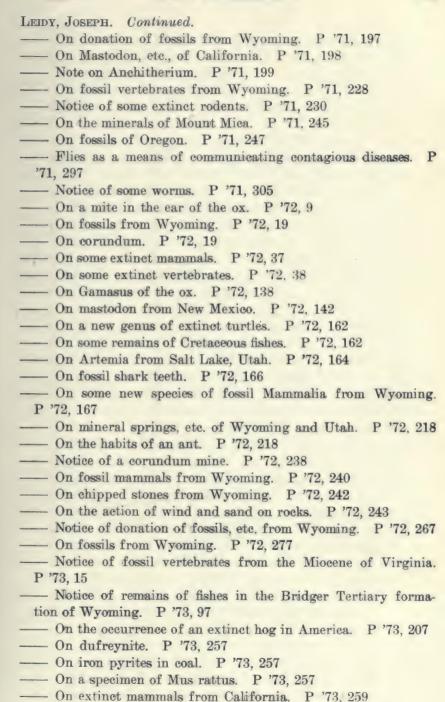
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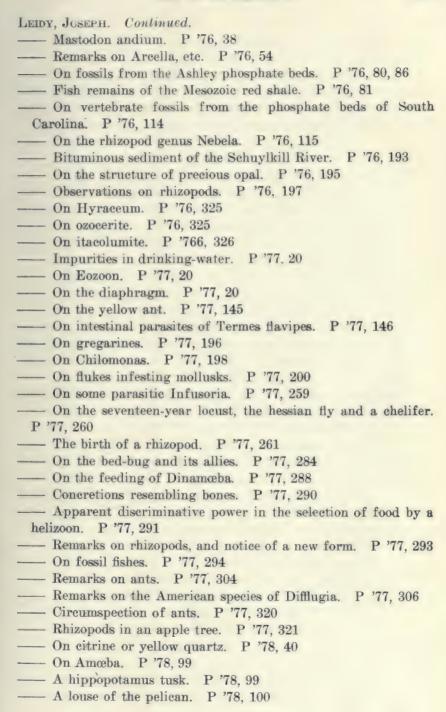


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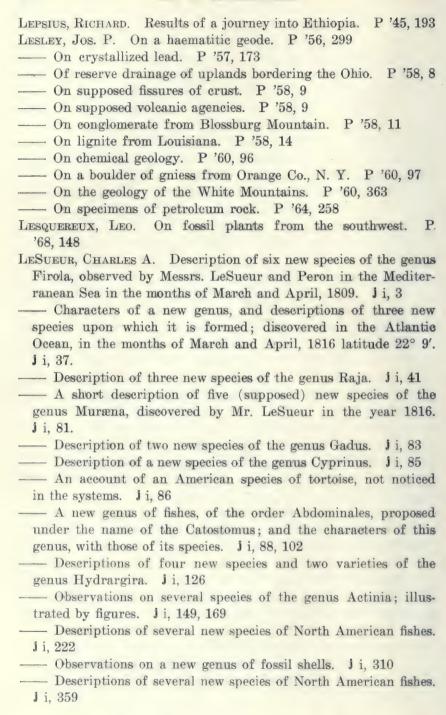
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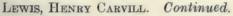
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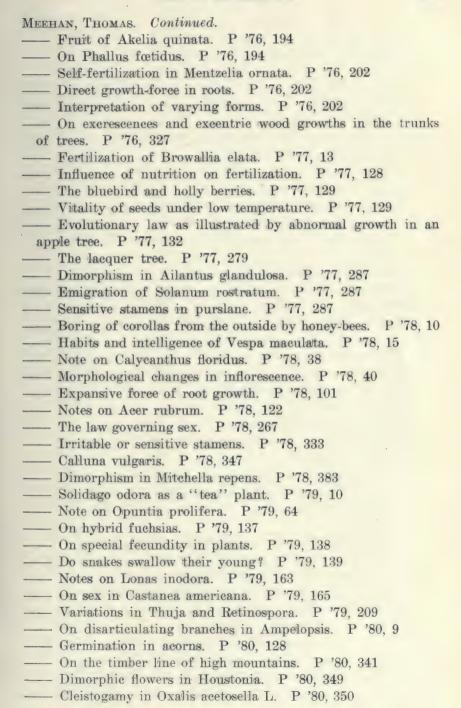
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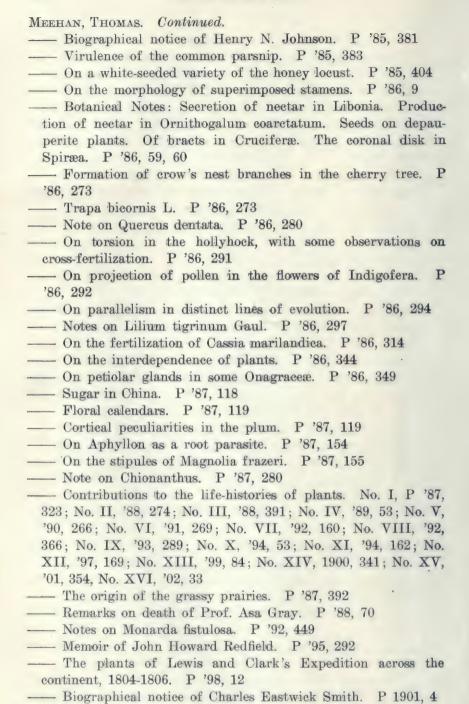
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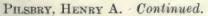
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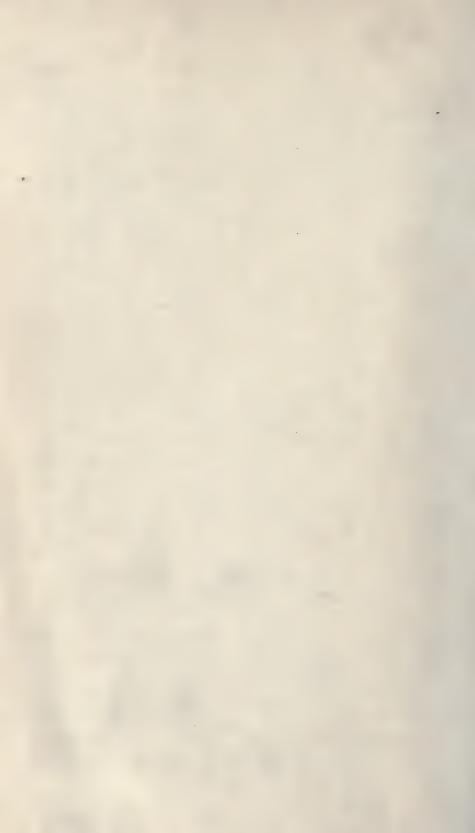
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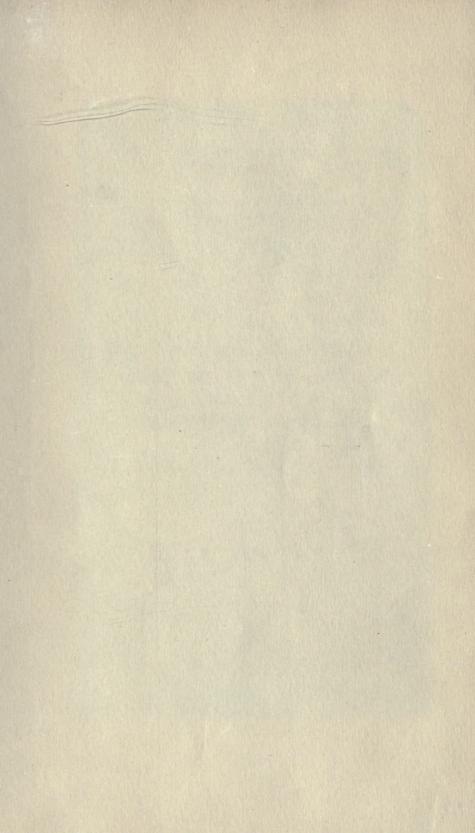
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